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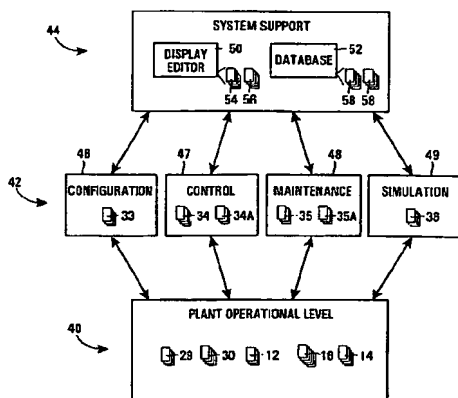
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(54) Title: INTEGRATED GRAPHICAL USER INTERFACE FOR PROCESS CONTROL



(57) Abstract: A common process control graphical user interface plant operators, plant maintenance personnel, and management is disclosed which provides a real-time interface to both the process and the plant. The common interface is modular in design and is capable of supporting various specializations for each user type. Operator consoles are dedicated to each section of the plant and include additional functions such as maintenance, configuration, simulation and supervisory information. The common graphical interface replaces control room displays filled with single case analog controllers, meters, and digital indicators. The common interface addresses the functions that previously were provided by the panel motor start/stop buttons and status indications, chart recorders, annunciator panels and subsystem interfaces. From a console, operators manage alarms, adjust the process by entering new setpoints or other parameters, "zoom in" on particular portions of the process for details, and utilize other specialized applications to work with their batch, advanced control, or business applications. The interface will run in both dedicated and non-dedicated modes, will run as a rich client or as part of a browser style interface utilizing web services and will run on workstations, laptops, tablet PC's, handhelds, and smart phones.

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